

**SOLEST 220**

<b>Hoja de Datos de Seguridad de Materiales</b>	<b>Datos: 2015/ENE/15</b>
<b>Versión. 2</b>	<b>MSDS:</b>

<b>Nombre de producto</b>	Solest 220
<b>Familia</b>	POLYOL ESTER
<b>Usos de producto</b>	Lubricante para maquinas frigoríficas
<b>Dirección:</b>	Acemire de México S.A de C.V Guillermo Prieto No. 188. Col. Zapotitlán, C.P 13300, Tláhuac, D.F. Teléfono: 5850-0645, 5841-5739 <b>01 800 223 6473</b>

**2. HAZARD IDENTIFICATION**

**CLASSIFICATION:** This material has no known hazards under applicable laws. The product contains no known carcinogens.

**OTHER HAZARDS:** Prolonged contact may cause minor skin irritation.

**3. COMPOSITION/ INFORMATION ON INGREDIENTS**

<u>INGREDIENT</u>	<u>CAS#</u>	<u>WEIGHT</u>
Proprietary Formulation	Proprietary	Proprietary

**COMMON NAMES AND SYNONYMS:**

Refrigerant Oil

➤ The specific chemical identity and percentages are claimed as a trade secret

**4. FIRST AID MEASURES**

**EYES:** Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain medical attention if irritation persists.

**SKIN CONTACT:** Upon contact with skin, wash exposed area with soap and water.

**INHALATION:** Product is not toxic by inhalation. If oil mist is inhaled, remove to fresh air and consult physician.

**INGESTION:** Do not induce vomiting. If conscious, give 2 glasses of water and consult physician. May cause nausea and diarrhea.

**5. FIRE FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** Dry Chemical; CO2 Foam; Water Spray (fog)

**SPECIAL FIREFIGHTING PROCEDURES:** Toxic fumes, gases or vapors may evolve on burning. Firefighters should use NIOSH/MNSA- approved self-contained breathing apparatus. Use water to cool fire-exposed containers. Use water carefully near exposed liquid to avoid frothing and splashing of hot liquid.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None

## 6. ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IN CASE OF RELEASE OR SPILL:** Stop the source of the spill.

Dike the spill area. Use absorbent materials to soak up fluid ( i.e. sand, sawdust, commercially available materials). Wash the spill area with large amounts of water. Properly dispose of all materials. Use personal protective equipment such as gloves, goggles, and coveralls to prevent skin contact during clean up.

## 7. HANDLING AND STORAGE

**PRECAUTIONS FOR STORAGE AND HANDLING:** Do not take internally. Avoid contact with skin, eyes, and clothing. Upon contact with skin, wash exposed area with soap and water.

If product enters the eyes, flush with water for 15 minutes and consult a physician. Wash contaminated clothing before reuse. Keep container tightly sealed when not in use. Keep away from heat and flames.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Provide adequate ventilation when working in confined areas

### PERSONAL PROTECTIVE EQUIPMENT

**SKIN PROTECTION:** General work clothing and gloves (leather) should provide adequate protection. Any contaminated clothing should be promptly removed and washed before reuse.

**EYE PROTECTION:** For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear chemical safety goggles.

**RESPIRATORY PROTECTION:** None generally required for adequately ventilated work situations. For accidental release or non-ventilated situations, or release into confined space, where the concentration may be above the PEL use a NIOSH approved respirator.

**ADDITIONAL RECOMMENDATIONS:** Where contact with liquid is likely, such as in a spill or leak, impervious boots and clothing should be worn.

### EXPOSURE LIMITS

OSHA permissible concentration of mineral oil mist in air is 5 mg/m<sup>3</sup>.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	Clear to yellow liquid	<b>LEL/UEL:</b>	Not applicable
<b>ODOR:</b>	Mild , distinct	<b>VAPOR PRESSURE:</b>	<0.01 mmHg @ 20 deg. C
<b>ODOR THRESHOLD:</b>	Not Determined	<b>VAPOR DENSITY:</b>	Not Determined
<b>PH:</b>	Not Determined	<b>RELATIVE DENSITY:</b>	0.95 (20 °C) Water = 1.0
<b>MELTING/FREEZING POINT:</b>	Not Determined	<b>SOLUBILITY:</b>	Negligible
		<b>FLAMMABILITY:</b>	Not applicable
<b>FLASH POINT:</b>	285 °C, 545 °F ASTM D 92 (Typical)	<b>PARTITION COEFFICIENT n-Octanol/water: Not Determined</b>	Not Determined
<b>BOILING POINT:</b>	>670 deg. F	<b>EVAPORATION RATE:</b>	Not Determined
<b>AUTO IGNITION TEMPERATURE</b>	Not Determined	<b>DECOMPOSITION TEMPERATURE</b>	Not Determined

## 10. STABILITY AND REACTIVITY

**STABILITY:** STABLE

**HAZARDOUS POLYMERIZATION:** Will not occur.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong oxidizers

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** Analogous compounds evolve carbon monoxide, carbon dioxide, and other unidentified chemicals when burned.

## 11. TOXICOLOGICAL INFORMATION

**INHALATION AND SKIN ABSORPTION HEALTH RISKS:** N/A

**SKIN AND EYE CONTACT:** Prolonged contact may cause minor skin irritation.

**SYMPTOMS OF EXPOSURE:** N/A

**INGESTION:** N/A

**ACUTE AND CHRONIC HEALTH HAZARDS:** N/A

<b>CARCINOGENICITY:</b>	NTP NO	IARC MONOGRAPHS NO	OSHA REGULATED NO
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**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** N/A

## 12. ECOLOGICAL INFORMATION

No data available

## 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** Dispose of this product and all associated waste in a licensed facility in accordance with appropriate Federal, State, and local regulations.

## 14. TRANSPORTATION INFORMATION

**US DOT ID NUMBER:** None

**US DOT PROPER SHIPPING NAME:** None

**US DOT HAZARD CLASS:** None

**US DOT PACKING GROUP:** None

## 15. REGULATORY INFORMATION

This material is not a hazardous waste under RCRA Regulation 40 CFR 261

## 16. OTHER INFORMATION

<b>1</b>	<b>FLAMABILIDAD</b>
<b>0</b>	<b>SALUD</b>
<b>0</b>	<b>REACTIVIDAD</b>
<b>SIN RIESGOS</b>	

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